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Research Topic:
Accountability for Cyber-Physical Systems

Premise:
I. Interconnected Cyber-Physical Systems (CPS) will exhibit unintended behavior (good or bad).
II. There exist mechanisms to (partially) understand (debug) such systems. Example: Logging

Core Questions:
I. What do these mechanisms have in common?
II. How can such mechanisms be interconnected?
III. How should such mechanisms be designed?
Topics for Discussion

• How is logging and failure analysis done in your (distributed) systems?

• Do you consider any legal or regulatory requirements (e.g. data protection or mandatory data retention)?

• Do you have to fulfill any safety or security requirements and if so how?

• How to connect all those CPS/IoT devices to each other and the wider internet?